

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/02338

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 G06F 17/60**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC G06F 17/60

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean patents and applications for inventions since 1975 and Korean utility models and applications for utility models since 1975
 Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 2000-53683 A (Kim Sun Min) 5 SEPTEMBER 2000 see the abstract and claims	1-9
Y	KR 2001-97247 A (Back Jin Wook) 8 NOVEMBER 2001 see the whole document	1-2,9
A	KR 2001-29173 A (Kim You Shin) 6 APRIL 2001 see the abstract and claims	1-2,9

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search
18 DECEMBER 2003 (18.12.2003)

Date of mailing of the international search report
19 DECEMBER 2003 (19.12.2003)

Name and mailing address of the ISA/KR

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